

Aventra Group Sdn Bhd makes business future-ready with Intelligent Document Processing

Aventra has been keeping up with today's fast-paced digital world with a solution that turns time-consuming tasks into seamless and automated workflows.

Aventra Group Sdn Bhd has offered a solution to businesses flooded with documents such as contracts, invoices, claims, compliance reports, and more. Instead of sorting through them manually, which wastes time, money, and resources, Aventra came up with the Intelligent Document Processing (IDP) platform that is reshaping how businesses handle information.

Unstructured chaos into usable data

Aventra's IDP system doesn't just read documents—it understands them. It uses AI, machine learning, OCR, and natural language processing to automatically retrieve files from emails, databases, or business apps and extract key data.

It then transforms it into structured formats such as PDF, JPEG, or DOCX, which are all handled accurately and efficiently.

This approach resulted in a cut in the claims processing time from four to six weeks to just 24 to 48 hours; a 95% reduction in manual data efforts; and a drop in compliance review time from two to four months to just two weeks.

Since the IDP is platform-agnostic, it can integrate with virtually any system or compliance framework, making it a flexible, one-size-fits-all solution for companies across various industries.

What truly sets this IDP apart is its ability to power zero-touch workflows. Once set up, it classifies, extracts, and routes data into enterprise systems with minimal human intervention. But when human judgement is needed, the platform uses Human-in-the-Loop Technology (HILT) to support decision-making, keeping operations ethical and transparent.

This hybrid approach means businesses can enjoy faster, smarter document processing whilst still keeping control.

Acknowledging that automation plays a bigger role in business, Aventra has committed itself to doing it right—building its IDP platform on responsible AI principles, ensuring fairness, security, and trust.

This includes approaches such as a right AI model for each task that ensures accuracy and relevance; an inclusive, high-quality datasets that reduce bias; guardrails that prevent AI from generating incorrect or misleading results; and data governance and auditability that protect sensitive information and ensure accountability.



Aventra at Malaysia Technology Excellence Awards 2025

Agentic AI

Aventra isn't stopping here. As businesses continue their digital transformation, the company is evolving its IDP into a next-generation platform—Agentic AI.

"IDP is undergoing a significant transformation into a true Agentic AI solution. This new approach integrates core AI capabilities, generative AI, configurable workflows, and a comprehensive API layer into a single, unified platform," Aventra stated. "The result is a highly flexible system capable of handling a wide spectrum of enterprise IDP use cases, far beyond traditional tasks like invoice processing or compliance automation."

It is designed to work across industries and technologies, allowing businesses to build their own workflows. It also integrates with existing tools and makes real-time decisions based on clean and structured data.

"What sets this evolved IDP apart is its ability to seamlessly produce outputs that can either feed into connected enterprise systems or be consumed directly for real-time decision-making. The platform can operate alongside

any complex enterprise system, regardless of the underlying technology or hosting environment," the company added.

This model enables IDP to function not just as a tool but as a collaborative, intelligent system that is deeply embedded within the enterprise ecosystem and equipped to scale with the needs of the modern business.

A transformation partner

With delivery options through both Software as a service (SaaS) and Platform as a Service (PaaS), and a user-friendly experience tailored to modern needs, Aventra's IDP is a powerful partner in digital transformation.

From insurance and banking to healthcare and logistics, IDP platform is building a more responsible, data-driven future.

Recognised in the Enterprise Software - Business Services category at the Malaysia Technology Excellence Awards 2025, Aventra's IDP platform maintains the highest standards of trust and responsibility. With this, the company is leading the digital trend.

'Our value lies in ensuring automation in documentation processing are done with precision; ensuring our customers deliver beyond to their customers'

Aventra Group Sdn Bhd revolutionises aviation training with Training Management System

The group's introduction of TMS has helped businesses move away from slow and manual processes to smart and automated solutions.



Aventra Group Sdn Bhd wins Excellence Award - Aviation at the Malaysia National Business Awards 2025

Aventra Group Sdn Bhd's introduction of the Training Management System (TMS) has positioned it at the forefront as industries accelerate their shift to digital. With this platform, the company has been empowering aviation service providers with smart, cloud-based solutions that simplify compliance and reduce administrative headaches.

TMS replaces outdated manual processes with a centralised digital tool for training and certification management. This approach has already made a difference, amongst them is its assistance to a top Malaysian aviation ground handler in transforming their workflow.

What once took 14 working days and seven employees to process now takes just 10 seconds per person, a record 99.8% increase in efficiency. Digital certificates, automated tracking, and instant reporting have significantly improved the certification process as well.

Ensuring compliance and workforce readiness

More than just a scheduling tool, Aventra's TMS is a full-fledged training ecosystem. It brings together training materials, staff profiles, job descriptions, and certification records into one easy-to-manage platform. As it is designed to meet the high standards, it ensures that every step, from emergency response to cargo handling, meets strict compliance requirements.

With real-time dashboards, automated alerts, and detailed reports, compliance

officers and training managers always have up-to-date insights on workforce readiness and certificate validity.

From aviation to all sectors

"We're expanding into maritime, logistics, and rail, customising TMS for state training centres like Pahang Skills to manage workforce skills. Strategically, we aim to collaborate with Microsoft or Telekom Malaysia for hosting and bundling, whilst partnering with aviation training schools to embed TMS into their digital ecosystem," Aventra said regarding the company's approach to stay agile and aligned with the latest compliance requirements. As it

targets Malaysia's 28 ground-handling companies, Aventra is offering subscription plans tailored to business needs—Starter, Pro, and Compliance. The company is also partnering with aviation training schools to embed TMS into their curriculum.

"Our commercial model includes monthly and yearly subscriptions, a credit system for modules and reports, and trial options for early adopters. Future upgrades will integrate AI to automate training schedules, license

renewal reminders, workforce planning, and build a centralised data system for industry insights," the company added.

Looking to the future

Along with its plans to collaborate with Microsoft and Telekom Malaysia for hosting and bundling services, Aventra also aims to introduce AI-powered upgrades to handle automated scheduling, license renewals, and workforce planning. A credit-based system for modular features and trial options for growing companies.

"We plan to upgrade the TMS into a modular, industry-agnostic platform with dashboards and compliance workflows, expanding beyond aviation to serve GLCs, hospitals, factories, schools, and government agencies," the spokesperson said. "By breaking the TMS into components like scheduling, certification, and assessments—with API integration for HR and ERP systems—we aim to offer tailored solutions for state skills centres and national training bodies to manage workforce upskilling."

The impact Aventra has made is real and award-winning, as it achieved the Excellence Award - Aviation at the Malaysia National Business Awards 2025.

With innovation at its core and scalability in its design, Aventra's TMS is not just keeping up with change—it's leading it.



Pos Aviation

'We aim to offer tailored solutions for state skills centers and national training bodies to manage workforce upskilling'